Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF060519\
Data File : BF114823.D
Acq On : 5 Jun 2019 17:35
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 06 04:59:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF060419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 04 16:57:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	338592	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	1360815	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	672535	20.00	ng		0.00
64) Phenanthrene-d10	11.17	188	1280727	20.00	ng		0.00
76) Chrysene-d12	13.80	240	790871	20.00	ng		0.01
87) Perylene-d12	15.19	264	980680	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1658290	85.58	ng		0.00
7) Phenol-d6	6.31	99	2023267	85.81	ng		0.00
23) Nitrobenzene-d5	7.24	82	1808487	81.81	ng		0.00
42) 2,4,6-Tribromophenol	10.49	330	591161	81.57	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	3080452	85.80	ng		0.00
79) Terphenyl-d14	12.76	244	3119031	76.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	390574	42.217	ng		99
3) Pyridine	2.98	79	1084208	42.642	ng		99
4) n-Nitrosodimethylamine	2.92	42	394873	42.434	ng		96
6) Aniline	6.33	93	1424904	42.590	ng		97
8) 2-Chlorophenol	6.46	128	947730	42.331	ng		98
9) Benzaldehyde	6.22	77	672390	41.111	ng		99
10) Phenol	6.32	94	1142300	42.365	ng		92
11) bis(2-Chloroethyl)ether	6.41	93	883212	41.971	ng		98
12) 1,3-Dichlorobenzene	6.62	146	1084915	41.586	ng		100
13) 1,4-Dichlorobenzene	6.69	146	1092199	41.606	ng		99
14) 1,2-Dichlorobenzene	6.85	146	1011950	42.684	ng		99
15) Benzyl Alcohol	6.82	79	761121	42.686	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	1266469	42.081	ng		99
17) 2-Methylphenol	6.93	107	777937	40.650	ng		99
18) Hexachloroethane	7.19	117	393684	39.844	ng		98
19) n-Nitroso-di-n-propylamine	7.10	70	618440	39.623	ng		97
20) 3+4-Methylphenols	7.09	107	879424	41.663	ng	#	82
22) Acetophenone	7.09	105	1205830	40.248	ng	#	99
24) Nitrobenzene	7.26	77	958565	41.857	ng		96
25) Isophorone	7.50	82	1729551	39.576	ng		99
26) 2-Nitrophenol	7.57	139	517245	41.701	ng		92
27) 2,4-Dimethylphenol	7.62	122	772137	40.957	ng		98
28) bis(2-Chloroethoxy)methane	7.71	93	1143197	40.922	ng		100
29) 2,4-Dichlorophenol	7.82	162	823666	41.527	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	929754	40.854	ng		100
31) Naphthalene	7.98	128	2588728	42.255	ng		99
32) Benzoic acid	7.73	122	466424	33.969	ng		99
33) 4-Chloroaniline	8.03	127	1238828	42.387	ng		98
34) Hexachlorobutadiene	8.10	225	520025	40.191	ng		100
35) Caprolactam	8.40	113	270459	41.742	ng		97
36) 4-Chloro-3-methylphenol	8.51	107	807885	40.934	ng		100
37) 2-Methylnaphthalene	8.67	142	1763523	41.501	ng		99
38) 1-Methylnaphthalene	8.76	142	1670823	41.461	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	797409	41.143	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	448440	38.150	ng		100
43) 2,4,6-Trichlorophenol	8.95	196	602621	39.986	ng		100
44) 2,4,5-Trichlorophenol	8.98	196	617106	40.659	ng		99
46) 1,1'-Biphenyl	9.13	154	2091385	41.958	ng		98
47) 2-Chloronaphthalene	9.15	162	1759395	41.540	ng		99
48) 2-Nitroaniline	9.25	65	531100	42.019	ng		97
49) Acenaphthylene	9.56	152	2592902	42.215	ng		99
50) Dimethylphthalate	9.43	163	1997025	40.656	ng		99
51) 2,6-Dinitrotoluene	9.49	165	473899	41.024	ng		94
52) Acenaphthene	9.74	154	1647847	40.956	ng		99
53) 3-Nitroaniline	9.65	138	583812	43.262	ng		95
54) 2,4-Dinitrophenol	9.76	184	195204	37.343	ng		95
55) Dibenzofuran	9.91	168	2270147	40.576	ng		97
56) 4-Nitrophenol	9.81	139	426976	43.180	ng		98
57) 2,4-Dinitrotoluene	9.89	165	619693	42.673	ng		99
58) Fluorene	10.25	166	1586355	44.044	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	503986	40.530	ng		100
60) Diethylphthalate	10.13	149	1987875	40.331	ng		99
61) 4-Chlorophenyl-phenylether	10.24	204	824376	38.471	ng		99
62) 4-Nitroaniline	10.26	138	560949	42.857	ng		99
63) Azobenzene	10.40	77	1751966	41.758	ng		98
65) 4,6-Dinitro-2-methylphenol	10.30	198	257047	38.637	ng		92
66) n-Nitrosodiphenylamine	10.36	169	1591522	41.096	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	582107	40.019	ng		99
68) Hexachlorobenzene	10.80	284	640341	40.224	ng		97
69) Atrazine	10.89	200	565208	41.965	ng		98
70) Pentachlorophenol	10.99	266	374934	40.741	ng		99
71) Phenanthrene	11.20	178	2580418	42.205	ng		100
72) Anthracene	11.25	178	2616270	40.661	ng		98
73) Carbazole	11.40	167	2394006	43.402	ng		99
74) Di-n-butylphthalate	11.75	149	2922741	40.287	ng		98
75) Fluoranthene	12.38	202	2670894	41.972	ng		98
77) Benzidine	12.50	184	1730422	44.197	ng		98
78) Pyrene	12.61	202	2707974	39.470	ng		99
80) Butylbenzylphthalate	13.23	149	1342709	38.755	ng		99
81) Benzo(a)anthracene	13.79	228	2373875	38.951	ng		99
82) 3,3'-Dichlorobenzidine	13.76	252	1017041	41.155	ng		99
83) Chrysene	13.83	228	2344941	39.552	ng		100
84) Bis(2-ethylhexyl)phthalate	13.80	149	1596605	36.444	ng	#	99
85) Di-n-octyl phthalate	14.41	149	2859783	38.417	ng		99
86) Indeno(1,2,3-cd)pyrene	16.50	276	2420936	35.788	ng		99
88) Benzo(b)fluoranthene	14.80	252	2587103	41.439	ng		99
89) Benzo(k)fluoranthene	14.83	252	2057270	38.803	ng		99
90) Benzo(a)pyrene	15.13	252	2181290	40.367	ng		99
91) Dibenzo(a,h)anthracene	16.52	278	1977477	38.642	ng		99
92) Benzo(g,h,i)perylene	16.90	276	1956258	38.014	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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